

12-5-79
750

B-1241 (L16)

**COW-CALF PRODUCTION --- TEXAS EDWARDS AQUIFER REGION
PROJECTED COSTS AND RETURNS PER COW
UNIMPROVED BRUSH COUNTRY**

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
STEER CALVES	4.10	CWT.	92.00	0.40	150.88
HEIFER CALVES	3.90	CWT.	82.00	0.30	95.94
CULL COWS	9.50	CWT.	60.00	0.07	39.90
DEER LEASE	1.00	ACRE	2.00	25.00	50.00
TOTAL					336.72
2. VARIABLE COSTS					
SALT & MIN.		HEAD	10.00	1.00	10.00
VET MEDICINE		HEAD	3.00	1.00	3.00
RANGE CUBES		LB.	0.10	75.00	7.50
HAY		BALE	2.25	2.00	4.50
SALES COM.		DOL.	10.00	1.25	12.50
CUSTOM HAULING		HEAD	0.50	1.00	0.50
FENCE REPAIR		HEAD	8.40	1.00	8.40
WATER FACIL REPR		HEAD	2.00	1.00	2.00
MISC EXPENSE		HEAD	10.00	1.00	10.00
MACHINERY (FUEL, LOBE, REP)		DOL.			6.16
EQUIPMENT (FUEL, LOBE, REP)		DOL.			0.57
LABOR, TRACTOR & MACHINERY		HRS.	3.50	1.80	6.30
LABOR, LIVESTOCK		HRS.	3.50	9.00	31.50
INTEREST ON OPER. CAP.,		DOL.	0.10	25.30	2.53
TOTAL VARIABLE COSTS					105.46
3. INCOME ABOVE VARIABLE COSTS					231.26
4. FIXED COSTS					
LAND RENT		ACRE	3.50	25.00	87.50
INT. ON LIVESTOCK CAPITAL		DOL.	0.10	821.86	82.19
INT. ON OTHER EQUIPMENT		DOL.	0.10	6.12	0.61
DEPR. ON COW PURCHASED		DOL.			7.50
DEPR. ON BULL PURCHASED		DOL.			5.00
DEPR. ON HORSE		DOL.			0.88
DEPR. ON OTHER EQUIP.		DOL.			1.22
OTHER FC, MACH & EQUIP.		DOL.			13.65
TOTAL FIXED COSTS					198.55
5. TOTAL COSTS					304.01
6. NET RETURNS					32.71

SPRING AND FALL CALVING, 80 CALF CROP, 3% DEATH LOSS ON COWS,
10% REPLACEMENT RATE, 10,000 ACRE RANCH, 400 A.U.

ESTIMATED FOR 1979-80, TEXAS AGRICULTURAL EXTENSION SERVICE

Budget information presented is prepared solely as a general guideline and is not intended to recognize or to predict the costs and returns from any one particular farm or ranch operation.

HOURLY COST SUMMARY FOR IMPLEMENTS AND POWER UNITS BUDGET IDENTIFICATION NUMBER---11 016000 160 1

MACHINE	SIZE	PURCHASE PRICE	SALVAGE VALUE	YEARS OWNED	ANNUAL HOURS USED	DEPR./ HOUR	INTEREST/ HOUR	INS./ HOUR	TAXES/ HOUR	TOTAL OWNER SHIP/ HOUR	PERFORM RATE HOUR/ ACRE	OP. COST PER HOUR
PICKUP	0.50	4500.	1976.	4.	1300.	0.555	0.249	0.015	0.035	0.604	1.000	4.280

ANNUAL COST SUMMARY FOR EQUIPMENT AND LIVESTOCK--BUDGET NUMBER 11 016000 160 1

LINE NO.	ITEM	SIZE	UNIT	LIST PRICE	DEPREC- IATION	INTEREST	INSUR- ANCE	TAXES	REPAIRS	FUEL AND LUBE	HOURS TOT OWN- LABOR	TOT OPER- ERSHP/YR	ATING/YR
1	STOCK TRAILER	16.00	CWT.	1900.00	190.00	95.00	4.75	9.50	9.50	0.0	0.0	204.25	9.50
2	STOCK SPRAYER	150.00	GAL.	1000.00	100.00	50.00	2.50	5.00	10.00	0.0	0.0	107.50	10.00
3	TACK	1.00	DOL.	500.00	50.00	25.00	1.25	2.50	5.00	0.0	0.0	53.75	5.00
51	COW RAISED	1.00	HEAD	750.00	0.0	75.00	3.75	7.50	0.0	0.0	0.0	11.25	0.0
52	COW PURCHASED	1.00	HEAD	750.00	37.50	60.00	3.00	6.00	0.0	0.0	0.0	45.50	0.0
54	BULL PURCHASED	1.00	HEAD	1500.00	100.00	120.00	6.00	12.00	0.0	0.0	0.0	118.00	0.0
55	HEIFER RAISED	1.00	HEAD	450.00	0.0	45.00	2.25	4.50	0.0	0.0	0.0	5.75	0.0
95	HORSE	1.00	HEAD	750.00	70.31	46.87	2.34	4.69	37.50	0.0	0.0	77.34	37.50

ANNUAL CHARGES MADE IN THIS BUDGET FOR EQUIPMENT AND LIVESTOCK

LINE NO.	ITEM	SIZE	UNIT	NUMBER ITEMS	PROPOR. CHARGED	OWNERSHP CHARGES	OPERATING CHARGES	INTEREST CHARGES	LABOR HOURS CHARGED
1	STOCK TRAILER	16.00	CWT.	1.000	0.002	0.51	0.02	0.24	0.0
2	STOCK SPRAYER	150.00	GAL.	1.000	0.002	0.27	0.02	0.12	0.0
3	TACK	1.00	DOL.	1.000	0.010	0.54	0.05	0.25	0.0
51	COW RAISED	1.00	HEAD	1.000	0.800	9.00	0.0	60.00	0.0
52	COW PURCHASED	1.00	HEAD	1.000	0.200	9.30	0.0	12.00	0.0
54	BULL PURCHASED	1.00	HEAD	1.000	0.050	5.90	0.0	6.00	0.0
55	HEIFER RAISED	1.00	HEAD	1.000	0.080	0.54	0.0	3.60	0.0
95	HORSE	1.00	HEAD	1.000	0.012	0.97	0.47	0.59	0.0

COW-CALF PRODUCTION TEXAS EDWARDS AQUIFER REGION
PROJECTED COSTS AND RETURNS PER COW
ONE-THIRD IMPROVED AND TWO-THIRDS UNIMPROVED PASTURE

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
STEER CALVES	4.35	CWT.	92.00	0.40	160.08
HEIFER CALVES	4.15	CWT.	82.00	0.30	102.09
CULL COWS	9.75	CWT.	60.00	0.07	40.95
DEER LEASE	1.00	ACRE	2.00	8.57	<u>17.14</u>
TOTAL					320.26
2. VARIABLE COSTS					
SALT & MIN.		HEAD	12.00	1.00	12.00
VET MEDICINE		HEAD	3.00	1.00	3.00
RANGE CUBES		LB.	0.10	60.00	6.00
HAY		BALE	2.25	1.00	2.25
SALES COMM		DOL.	10.00	1.00	10.00
HAULING&MKTG		HEAD	0.50	1.00	0.50
FENCE REPAIR		HEAD	7.20	1.00	7.20
WATER FACIL REPR		HEAD	1.80	1.00	1.80
MISC EXPENSE		HEAD	9.00	1.00	9.00
PASTURE MAINT.		ACRE	3.00	4.29	12.87
MACHINERY(FUEL,LUBE,REP)		DOL.			5.65
EQUIPMENT(FUEL,LUBE,REP)		DOL.			0.44
LABOR, TRACTOR & MACHINERY		HRS.	3.50	1.65	5.77
LABOR, LIVESTOCK		HRS.	3.50	7.50	26.25
INTEREST ON OPER.CAP.,		DOL.	0.10	34.21	<u>3.42</u>
TOTAL VARIABLE COSTS					106.15
3. INCOME ABOVE VARIABLE COSTS					214.11
4. FIXED COSTS					
LAND RENT		ACRE	6.50	12.86	83.59
INT. ON LIVESTOCK CAPITAL		DOL.	0.10	808.22	80.82
INT. ON OTHER EQUIPMENT		DOL.	0.10	6.31	0.63
DEPR. ON COW PURCHASED		DOL.			7.50
DEPR. ON BULL PURCHASED		DOL.			4.00
DEPR. ON HORSE		DOL.			0.63
DEPR. ON OTHER EQUIP.		DOL.			1.26
OTHER FC. MACH & EQUIP.		DOL.			<u>13.34</u>
TOTAL FIXED COSTS					191.78
5. TOTAL COSTS					297.93
6. NET RETURNS					22.32

FALL CALVING, 80% CALF CROP, 3% DEATH LOSS ON COWS, 10% REPLACEMENT RATE,
4500 ACRE RANCH, 350 A.U.

ESTIMATED FOR 1979-80, TEXAS AGRICULTURAL EXTENSION SERVICE

Budget information presented is prepared solely as a general guideline and is not intended to recognize or to predict the costs and returns from any one particular farm or ranch operation.

HOURLY COST SUMMARY FOR IMPLEMENTS AND POWER UNITS BUDGET IDENTIFICATION NUMBER---11 116000 160 1

MACHINE	SIZE	PURCHASE	SALVAGE	YEARS	ANNUAL	DEPR./	INTEREST/	INS./	TAXES/	TOTAL	PERFORM	OP.
PICKUP	0.50	PRICE	VALUE	OWNED	HOURS	HOUR	HOUR	HOUR	HOUR	OWNER	RATE	COST
		4500.	1976.	4.	1300.	0.555	0.249	0.015	0.035	SHIP/	HOURLY/	PER
										HOURLY	ACRE	HOURLY
										0.604	1.000	4.280

ANNUAL COST SUMMARY FOR EQUIPMENT AND LIVESTOCK--BUDGET NUMBER 11 116000 160 1

LINE	ITEM	SIZE	UNIT	LIST	DEPREC-	INSUR-	TAXES	REPAIRS	FUEL	HOURS	TOT	OWN-	TOT	OPER-
NO.				PRICE	IATION	ANCE			AND	LABOR	ERSHP/YR	ATING/YR		
1	STOCK TRAILER	16.00	CWT.	1900.00	190.00	95.00	4.75	9.50	9.50	0.0	0.0	204.25	9.50	
2	STOCK SPRAYER	150.00	GAL.	1000.00	100.00	50.00	2.50	5.00	10.00	0.0	0.0	107.50	10.00	
3	TACK	1.00	DOL.	500.00	50.00	25.00	1.25	2.50	5.00	0.0	0.0	53.75	5.00	
51	COW RAISED	1.00	HEAD	750.00	0.0	75.00	3.75	7.50	0.0	0.0	0.0	11.25	0.0	
52	COW PURCHASED	1.00	HEAD	750.00	37.50	60.00	3.00	6.00	0.0	0.0	0.0	46.50	0.0	
54	BULL PURCHASED	1.00	HEAD	1500.00	100.00	120.00	6.00	12.00	0.0	0.0	0.0	118.00	0.0	
55	HEIFER RAISED	1.00	HEAD	450.00	0.0	45.00	2.25	4.50	0.0	0.0	0.0	6.75	0.0	
95	HORSE	1.00	HEAD	750.00	70.31	46.87	2.34	4.69	37.50	0.0	0.0	77.34	37.50	

ANNUAL CHARGES MADE IN THIS BUDGET FOR EQUIPMENT AND LIVESTOCK

LINE	ITEM	SIZE	UNIT	NUMBER	PROPOR.	OWNERSHP	OPERATING	INTEREST	LABOR
NO.				ITEMS	CHARGED	CHARGES	CHARGES	CHARGES	HOURS
1	STOCK TRAILER	16.00	CWT.	1.000	0.003	0.57	0.03	0.27	0.0
2	STOCK SPRAYER	150.00	GAL.	1.000	0.003	0.30	0.03	0.14	0.0
3	TACK	1.00	DOL.	1.000	0.009	0.48	0.04	0.22	0.0
51	COW RAISED	1.00	HEAD	1.000	0.800	9.00	0.0	60.00	0.0
52	COW PURCHASED	1.00	HEAD	1.000	0.200	9.30	0.0	12.00	0.0
54	BULL PURCHASED	1.00	HEAD	1.000	0.040	4.72	0.0	4.80	0.0
55	HEIFER RAISED	1.00	HEAD	1.000	0.080	0.54	0.0	3.60	0.0
95	HORSE	1.00	HEAD	1.000	0.009	0.70	0.34	0.42	0.0

**COW-CALF PRODUCTION TEXAS EDWARDS AQUIFER REGION
PROJECTED COSTS AND RETURNS PER COW
IMPROVED PASTURE**

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
STEER CALVES	4.60	CWT.	92.00	0.43	181.98
HEIFER CALVES	4.40	CWT.	82.00	0.33	119.06
CULL COWS	10.00	CWT.	60.00	0.07	<u>42.00</u>
TOTAL					343.04
2. VARIABLE COSTS					
SALT & MIN.		HEAD	14.00	1.00	14.00
VET MEDICINE		HEAD	3.00	1.00	3.00
RANGE CUBES		LB.	0.10	60.00	6.00
HAY		BALE	2.25	0.50	1.13
SALES COMM		DOL.	10.00	1.00	10.00
CUSTOM HAULING		HEAD	0.50	1.00	0.50
FENCE REPAIR		HEAD	5.20	1.00	5.20
WATER FACIL REPR		HEAD	1.50	1.00	1.50
PASTURE MAINT.		ACRE	3.00	6.67	20.01
MISC EXPENSE		HEAD	8.00	1.00	8.00
MACHINERY(FUEL,LUBE,REP)		DOL.			5.14
EQUIPMENT(FUEL,LUBE,REP)		DOL.			2.62
LABOR, TRACTOR & MACHINERY		HRS.	3.50	1.50	5.25
LABOR, LIVESTOCK		HRS.	3.50	6.00	21.00
INTEREST ON OPER.CAP.,		DOL.	0.10	37.11	<u>3.71</u>
TOTAL VARIABLE COSTS					107.05
3. INCOME ABOVE VARIABLE COSTS					235.99
4. FIXED COSTS					
LAND RENT		ACRE	8.00	6.67	53.36
INT. ON LIVESTOCK CAPITAL		DOL.	0.10	835.41	83.54
INT. ON OTHER EQUIPMENT		DOL.	0.10	6.85	0.68
DEPR. ON COW PURCHASED		DOL.			7.50
DEPR. ON BULL PURCHASED		DOL.			4.00
DEPR. ON HORSE		DOL.			4.71
DEPR. ON OTHER EQUIP.		DOL.			1.37
OTHER FC, MACH & EQUIP.		DOL.			<u>13.66</u>
TOTAL FIXED COSTS					168.82
5. TOTAL COSTS					275.88
6. NET RETURNS					67.16

FALL CALVING, 86% CALF CROP, 3% DEATH LOSS ON COWS, 10% REPLACEMENT RATE,
2000 ACRE RANCH, 300 ANIMAL UNITS.

ESTIMATED FOR 1979-80. TEXAS AGRICULTURAL EXTENSION SERVICE

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intended to recognize or to predict the costs and returns from any one particular
farm or ranch operation.

HOURLY COST SUMMARY FOR IMPLEMENTS AND POWER UNITS BUDGET IDENTIFICATION NUMBER---11 216000 160 1

MACHINE PICKUP	SIZE 0.50	PURCHASE PRICE 4500.	SALVAGE VALUE 1976.	YEARS OWNED 4.	ANNUAL HOURS USED 1300.	DEPR./ HOUR 0.555	INTEREST/ HOUR 0.249	INS./ HOUR 0.015	TAXES/ HOUR 0.035	TOTAL OWNER SHIP/ HOUR 0.604	PERFORM RATE HOUR/ ACRE 1.000	OP. COST PER HOUR 4.280
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ANNUAL COST SUMMARY FOR EQUIPMENT AND LIVESTOCK--BUDGET NUMBER 11 216000 160 1

LINE NO.	ITEM	SIZE	UNIT	LIST PRICE	DEPREC- IATION	INTEREST	INSUR- ANCE	TAXES	REPAIRS	FUEL AND LUBE	HOURS TOT LABOR ERSHP/YR	TOT OWN- TOT OPER- ATING/YR
1	STOCK TRAILER	16.00	CWT.	1900.00	190.00	95.00	4.75	9.50	9.50	0.0	0.0	204.25
2	STOCK SPRAYER	150.00	GAL.	1000.00	100.00	50.00	2.50	5.00	10.00	0.0	0.0	107.50
3	TACK	1.00	DOL.	500.00	50.00	25.00	1.25	2.50	5.00	0.0	0.0	53.75
51	COW RAISED	1.00	HEAD	750.00	0.0	75.00	3.75	7.50	0.0	0.0	0.0	11.25
52	COW PURCHASED	1.00	HEAD	750.00	37.50	60.00	3.00	6.00	0.0	0.0	0.0	46.50
54	BULL PURCHASED	1.00	HEAD	1500.00	100.00	120.00	6.00	12.00	0.0	0.0	0.0	118.00
55	HEIFER RAISED	1.00	HEAD	450.00	0.0	45.00	2.25	4.50	0.0	0.0	0.0	6.75
95	HORSE	1.00	HEAD	750.00	70.31	46.87	2.34	4.69	37.50	0.0	0.0	77.34

ANNUAL CHARGES MADE IN THIS BUDGET FOR EQUIPMENT AND LIVESTOCK

LINE NO.	ITEM	SIZE	UNIT	NUMBER ITEMS	PROPOR. CHARGED	OWNERSHP CHARGES	OPERATNG CHARGES	INTEREST CHARGES	LABOR HOURS CHARGED
1	STOCK TRAILER	16.00	CWT.	1.000	0.003	0.61	0.03	0.28	0.0
2	STOCK SPRAYER	150.00	GAL.	1.000	0.003	0.32	0.03	0.15	0.0
3	TACK	1.00	DOL.	1.000	0.010	0.54	0.05	0.25	0.0
51	COW RAISED	1.00	HEAD	1.000	0.800	9.00	0.0	60.00	0.0
52	COW PURCHASED	1.00	HEAD	1.000	0.200	9.30	0.0	12.00	0.0
54	BULL PURCHASED	1.00	HEAD	1.000	0.040	4.72	0.0	4.80	0.0
55	HEIFER RAISED	1.00	HEAD	1.000	0.080	0.54	0.0	3.60	0.0
95	HORSE	1.00	HEAD	1.000	0.067	5.18	2.51	3.14	0.0

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